

## SECTION 07901 - JOINT SEALANTS

## A. SUMMARY

1. Exterior Joints in Vertical Surfaces and Nontraffic Horizontal Surfaces:
  - a. Cast-in-place concrete.
  - b. Between architectural precast concrete units.
  - c. Control and expansion joints in unit masonry.
  - d. Stonework set without mortar.
  - e. Stonework set with mortar, including copings and cornices.
  - f. Between concrete, precast concrete, and stonework.
  - g. Perimeter joints between concrete, precast concrete, and stonework and frames of doors and windows.
  - h. Ceiling and overhead surfaces.
2. Exterior Joints in Horizontal Traffic Surfaces:
  - a. Brick pavers.
  - b. Cast-in-place concrete slabs.
  - c. Between architectural precast concrete paving units.
  - d. Stone paving units, including steps.
  - e. Tile control and expansion joints.
  - f. Between brick pavers, concrete slabs, precast concrete paving, stone paving, and tile.
3. Interior Joints in Vertical Surfaces and Horizontal Nontraffic Surfaces:
  - a. Exposed interior surfaces of exterior walls.
  - b. Perimeter joints of exterior openings.
  - c. Between tops of masonry walls and underside of concrete slabs and beams.
  - d. Tile control and expansion joints.
  - e. Vertical control joints on exposed surfaces of unit masonry and concrete walls.
  - f. Underside of precast beams and planks.
  - g. Perimeter joints between interior wall surfaces and frames of interior doors, windows, and elevator entrances.
  - h. Perimeter joints of toilet fixtures.
4. Interior Control and Expansion Joints in Horizontal Traffic Surfaces:
  - a. Cast-in-place concrete.
  - b. Stone flooring.
  - c. Brick flooring.
  - d. Tile flooring.

## B. QUALITY ASSURANCE

1. Preconstruction compatibility and adhesion testing.
2. Product testing.

3. Preconstruction field testing.
4. Construct mockups.

#### C. MATERIALS

1. Elastomeric Sealants: [**Polysulfide**] [**Neutral-curing silicone**] [**Acid-curing silicone**] [**Urethane**].
2. Solvent-Release-Curing Sealants: [**Acrylic**] [**Butyl**] [**Pigmented narrow joint**].
3. Latex Sealants: [**Acrylic emulsion**] [**Silicone emulsion**].
4. Acoustical Sealant: [**Latex**] [**Synthetic rubber**].
5. Butyl-based tape sealant.
6. Preformed foam sealant.
7. Joint Sealant Backing: [**Plastic-foam filler**] [**Elastomeric tubing**] [**Bond-breaker tape**].

#### D. JOINT SEALANT SCHEDULE

1. <**Insert requirements for each type of sealant.**>

END OF SECTION 07901